

JAN 19 2005

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

**Mail Stop ISSUE FEE**  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or Fax (703) 746-4000

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

24265 7590 11/26/2004  
**SCHERING-PLough CORPORATION**  
 PATENT DEPARTMENT (K-6-1, 1990)  
 2000 GALLOPING HILL ROAD  
 KENILWORTH, NJ 07033-0530  
 01/24/2005 HAL122 00000115 190365 10013071

01 FC:1501 1400.00 DA  
 02 FC:1504 300.00 DA  
 03 FC:8001 36.00 DA

O I P E  
 JAN 19 2005  
 U. S. PATENT & TRADEMARK OFFICE

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**  
 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Palaiyur S. Kalyanaraman	(Depositor's name)
<i>[Signature]</i>	(Signature)
January 19, 2005	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/013,071	12/10/2001	Zhaoning Zhu	IN01174	1388

TITLE OF INVENTION: DIARYL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS OF HEPATITIS C VIRUS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
-------------	--------------	-----------	-----------------	------------------	----------

nonprovisional	NO	\$1370	\$300	\$1670	02/28/2005
----------------	----	--------	-------	--------	------------

EXAMINER	ART UNIT	CLASS-SUBCLASS
MONDESI, ROBERT B	1653	514-009000

## 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

## 2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Palaiyur S. Kalyanaraman2. \_\_\_\_\_  
 3. \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

## (A) NAME OF ASSIGNEE

## (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Schering Corporation

Kenilworth, New Jersey

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

## 4a. The following fee(s) are enclosed:

Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies 12

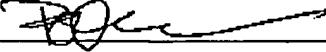
## 4b. Payment of Fee(s):

A check in the amount of the fee(s) is enclosed.  
 Payment by credit card. Form PTO-2038 is attached.  
 The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 19-0365 (enclose an extra copy of this form).

## 5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature 

Date 01/19/2005

Typed or printed name Palaiyur S. Kalyanaraman

Registration No. 34,634

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



**SCHERING-PLOUGH CORPORATION**  
**LAW DEPARTMENT**  
**2000 GALLOPING HILL ROAD**  
**K-6-1, MAIL STOP 1990**  
**KENILWORTH, NEW JERSEY 07033**  
**(908) 298-4000**

**FACSIMILE TRANSMITTAL SHEET**

TO:	FAX NUMBER:
USPTO (Issue Fee)	(703) 746-4000
FROM:	PHONE NUMBER:
Palaiyur S. Kalyanaraman	(908) 298-5068
TOTAL NO. OF PAGES INCLUDING COVER	DATE
4	January 19, 2005

**CONFIDENTIALITY NOTE:** This sheet and/or the document(s) accompanying it contain information belonging to Schering-Plough Corporation and/or its affiliates which is confidential and/or legally privileged. The information is intended only for the use of the individual or entity named above. If you have received this fax in error, please immediately notify us by telephone. If there is a problem with this transmission please call Ashly Armstrong at (908) 298-4025.

NOTES/COMMENTS:

**PLEASE HAND DELIVER**

In re Application of: **Z. Zhu et al.**  
 For Patent For: **Diaryl Peptides as NS3-Serine Protease Inhibitors of Hepatitis C. Virus**  
 Group Art Unit: **1653**  
 Attorney Docket No.: **IN01174** US/ Serial No.: **10/013,071**  
 Filed: **12/10/2001**

Dear Examiner:

Transmitted herewith are:

- **Fax Cover Sheet – 1 Page**
- **Certification of Transmission under 37 CFR 1.8 – 1 Page**
- **Issue Fee Transmittal (Part B) – 1 Page in duplicate**

**Palaiyur S. Kalyanaraman**  
 Registered Representative  
 Registration No. 34,634

PHONE: (908) 298-5068

FAX: (908) 298-5388

Attorney Docket No.: IN01174  
 Application No.: 10/013,071  
 Filing Date: 12/10/2001  
 First Named Inventor: Z. Zhu

PTO/SB/97 (08-03)  
 Approved for use through 07/31/2006. OMB 0651-0031  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

JAN 19 2005

## Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office (703) 746-4000

on 01/19/2005  
 Date

  
 Signature

Palaiyur S. Kalyanaraman, Reg. No. 34,634

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Document(s) being transmitted:

Fax Cover Sheet - 1 Page

Certificate of Transmission under 37 CFR 1.8 PTO/SB/97 - 1 Page

Issue Fee Transmittal (Part B) - 1 Page in duplicate

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-8199 and select option 2.